

SECRET

5 January 1956

MEMORANDUM FOR: THE RECORD

SUBJECT : Meeting at [REDACTED]

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1. Time and Place of Meeting: 0915 - 1315, 3 January 1956 at [REDACTED]

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2. Attendance: [REDACTED]

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3. Purpose of Meeting: To review APD projects4. Discussion: While at [REDACTED] the following subjects were reviewed:

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a. Optical Comparator: P-154 The machining operations on the subject device are substantially completed. Final fitting, finishing and assembly is currently being undertaken. It was requested that a ruled grating be secured by our shop for use by [REDACTED] in calibrating the comparator. Further tests will also be done by APD to verify the instrument accuracy.

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b. Film Slitter: Ad Hoc #39 A hand held unit, containing one knife blade, suitable for cutting 16mm film has been completed. TSS/PD examined the device and indicated it would be more satisfactory if it contained two blades. It was also suggested that a similar hand held model suitable for cutting 35mm film be fabricated. [REDACTED] has been instructed to construct a 35mm unit with two blades suitable for making a minimum width cut between blades of 6mm any place within the 35mm film width. A 16mm unit equipped with two blades will also be undertaken. A larger unit with take up and feed reel suitable for cutting large quantities of film has been completed. This unit satisfactorily cuts film. Further work to complete this unit will be deferred until the 35 and 16mm units described above are completed. It was indicated by [REDACTED] that the basic work order covering work done on this project expires on 4 January 1956. It was requested that additional time be authorized to complete the work outlined above.

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c. Wheel-Shutter The possibility of work to be done using the subject idea suggested by [] was discussed under the following device headings:

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(1) [] A proposal will be submitted covering the incorporation of a Microma in [] using the subject shutter device. The unit will be designed with consideration to flexibility to permit easy installation of the unit in various applications. Various interchangeable shutter elements will be incorporated demonstrating the effect of similar and contrasting patterns on the visual security of the device.

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(2) Box: A proposal will be submitted for the incorporation of the subject device in a suitable box designed to []

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Thought will be given to the effect of different contrasts in the pattern on the visual security of the device.

d. Rapid Processing A brief discussion was held on the information known by [] on the various systems of rapid processing of photographic prints. [] indicated that the only rapid system known by them was the Grant system of which they indicated very limited knowledge. It was concluded by [] that a probable prerequisite to any rapid processing system was waterproof paper to permit more rapid processing steps and less chemical entrainment.

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5. Conclusions: Satisfactory progress has been made by [] on the optical comparator and film splitter. A proposal will be forthcoming on [] incorporating the special rotary shutter suggested by []

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6. Recommendations:

a. A time extension be secured on the film splitter.

b. The ruled grating from PIC be secured for calibration of the comparator.

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Distribution:

- 1 - Ad Hoc #39
- 1 - P-154
- 3 - []
- 1 - Chrono

TSS/APD

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REL/1j